

REMARKS

There are thirty-three (33) claims pending in the application.

Applicants respond to the issues raised in the February 10, 2006 Office Action pertaining to claims 1-33 as follows:

Information Disclosure Statement

Applicants have filed a supplemental information disclosure statement that includes a translation of the publication "Electronique Du Scanner PET". Applicants request consideration of this publication.

Double Patenting

The examiner has provisionally rejected claims 1-33 on the ground of nonstatutory obviousness-type double patenting over claims 2, 3, 4, 6 – 10, 12, 14, 17, 18, 19, 20, 22 – 26, 28, 30, 31, 33, 35 – 39 of copending Application No. 10.688,577. Applicants have filed a terminal disclaimer to overcome this rejection.

Conclusion

The Applicant has faithfully tried to respond to all the objections and rejections raised by the examiner. In view of the remarks set forth above, it is respectfully submitted that the present application is in condition for allowance.

Appl. No. 10/687,797; Filed October 16, 2003
Amendment Dated March 22, 2006
Reply to Office Action of February 10, 2006

If the Examiner has any questions or comments relating to the present application, he is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "L. Neiger", is written over the printed name "Lori-Anne Neiger".

Lori-Anne Neiger
Attorney for Applicants
Registration No.: 44,949

Date: March 22, 2006

Lori-Anne Neiger
Senior Patent Attorney
Brookhaven National Laboratory
Building 475D
P.O. Box 5000
Upton, New York 11973-5000